

U.S. Patent Application Serial No. 10/620,549
Reply to Office Action dated November 30, 2006

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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An identification device worn on a body of a person, the identification device producing an image of a pressure-distribution pattern obtained by sampling pressure during contact between a body part of the person and a substantially solid object, wherein different peak pressures at different points on the substantially solid object from the contact between the body part and the substantially solid object are represented in the image by a pressure-distribution pattern arranged to correspond to the different points and having a plurality of colors, wherein the different peak pressures have associated different colors;

wherein the pressure-distribution pattern is obtained under a foot during walking on the substantially solid object and the pattern is configured to identify a shoe or a portion of a shoe worn by the person; or

~~the pressure-distribution pattern is obtained when the person sits down on the substantially solid object and the pattern is configured to identify pants worn by the person; or~~

~~wherein the pressure-distribution pattern is obtained when the substantially solid object is grasped and the pattern is configured to identify a glove worn by the person.~~

2. (Previously Presented) The identification device as claimed in Claim 1, wherein different pressures are represented by area elements that are differently colored.

3. (Canceled).

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4. (Previously Presented) The identification device as claimed in Claim 1, wherein the sampling of the pressure distribution comprises a plurality of samplings of various pressure distributions that occur during the contact between the body part and the substantially solid object.
5. (Previously Presented) The identification device as claimed in Claim 4, wherein the pressure-distribution pattern includes at least one of mean and peak values obtained during the contact between the body part and the substantially solid object.
6. (Currently Amended) The identification device as claimed in Claim 1, wherein the image is printed on an item ~~configured~~ to be worn.
7. (Previously Presented) The identification device as claimed in Claim 6, wherein the image is impressed on the item by a thermotransfer process for reproducing patterns.
- 8-12. (Canceled).
13. (New) An identification device worn on a body of a person, the identification device producing an image of a pressure-distribution pattern obtained by sampling pressure during contact between a body part of the person and a substantially solid object, wherein
- different peak pressures at different points on the substantially solid object from the contact between the body part and the substantially solid object are represented in the image by a pressure-distribution pattern arranged to correspond to the different points and having a plurality of colors, wherein the different peak pressures have associated different colors; wherein
- the pressure-distribution pattern is obtained when the person sits down on the substantially solid object and the pattern is configured to identify pants worn by the person.
14. (New) The identification device as claimed in Claim 13, wherein different pressures are represented by area elements that are differently colored.

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15. (New) The identification device as claimed in Claim 13, wherein the sampling of the pressure distribution comprises a plurality of samplings of various pressure distributions that occur during the contact between the body part and the substantially solid object.
16. (New) The identification device as claimed in Claim 15, wherein the pressure-distribution pattern includes at least one of mean and peak values obtained during the contact between the body part and the substantially solid object.
17. (New) The identification device as claimed in Claim 13, wherein the image is printed on an item to be worn.
18. (New) The identification device as claimed in Claim 17, wherein the image is impressed on the item by a thermotransfer process for reproducing patterns.